

Experiment Number: 10119 - 01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Furan

CAS Number: 110-00-9

Date Report Requested: 06/03/2014

Time Report Requested: 08:44:34

First Dose M/F: 09/07/09 / NA

Lab: NCTR

36 Week

NTP Study Number: C10119

Lock Date: 06/02/2014

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups:	Include 017 0 Vehicle 36 wk	Include 018 0.02 Furan 36 wk	Include 019 0.044 Furan 36wk
	Include 020 0.092 Furan 36wk	Include 021 0.2 Furan 36 wk	Include 022 0.44 Furan 36 wk
	Include 023 0.92 Furan 36 wk	Include 024 2 Furan 36 wk	

Study Gender: Male

TDMSE Version: 3.0.2.0_001

PWG Approval Date: NONE

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Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0 Vehicle 36 wk	DAY ON TEST																					
		0 2 5 3	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	
ANIMAL ID																						
		0 0 2 0 0 4 5 0 0 2	0 0 1 0 1 5 7 3 4 2	0 1 1 1 3 6 0 5 2	0 1 1 1 6 7 1 5 1	0 1 1 1 7 9 1 9 2	0 2 2 2 9 1 9 9 2	0 2 2 2 5 4 5 6 2	0 2 2 2 7 5 7 5 2	0 2 2 2 9 3 3 5 2	0 2 2 2 3 3 3 0 2	0 2 2 2 3 3 3 2 5	0 2 2 2 8 8 8 0 2	0 2 2 2 2 2 2 9 7	0 2 2 2 1 1 1 1 2	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Mesentery																							1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0 Vehicle 36 wk	DAY ON TEST																					* TOTALS	
		0 2 5 3	0 2 5 2																				
ANIMAL ID	0 0 2 0 0 4 5 0 0 2	0 0 1 0 1 5 7 1 1 2	0 0 1 1 1 3 6 1 1 2	0 0 1 1 1 6 7 2 1 1	0 0 1 1 1 9 1 5 4 2	0 0 2 2 2 9 1 7 5 2	0 0 2 2 2 9 3 7 5 2																
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
HEMATOPOIETIC SYSTEM																							
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
INTEGUMENTARY SYSTEM																							
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
MUSCULOSKELETAL SYSTEM																							
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
NERVOUS SYSTEM																							

* .. Total animals with tissue examined microscopically; Total animals with tumor

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Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0 Vehicle 36 wk																						
ANIMAL ID	0 0 2 0 0 4 5 0 0 2	0 0 1 1 1 3 6 1 1 2																				
	* TOTALS																					
Brain, Brain Stem	+ +	20																				
Brain, Cerebellum	+ +	20																				
Brain, Cerebrum	+ +	20																				
RESPIRATORY SYSTEM																						
Lung	+ +	20																				
Nose	+ +	20																				
Trachea	+ +	20																				
SPECIAL SENSES SYSTEM																						
Eye	+ +	20																				
Harderian Gland	+ +	20																				
URINARY SYSTEM																						
Kidney	+ +	20																				
Urinary Bladder	+ +	20																				
SYSTEMIC LESIONS																						
Multiple Organ	+ +	20																				

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

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Species/Strain: RATS/F 344/NCTR

Furan

CAS Number: 110-00-9

Time Report Requested: 08:44:34

First Dose M/F: 09/07/09 / NA

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE	0.02 Furan 36 wk	ANIMAL ID	DAY ON TEST																			
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4	4	4
0	1	3	7	1	3	4	8	1	7	7	8	0	0	3	1	3	1	3	4	4	6	6
8	1	8	5	6	7	4	1	1	4	7	3	2	8	9	0	5	1	2	3	1	6	6
1	2	1	1	1	2	1	1	2	2	1	1	2	2	2	1	1	2	2	1	2	1	1

ALIMENTARY SYSTEM

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 10119 - 01

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Date Report Requested: 06/03/2014

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/NCTR

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/NCTR

Furan

CAS Number: 110-00-9

Time Report Requested: 08:44:34

First Dose M/F: 09/07/09 / NA

Lab: NCTR

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Species/Strain: RATS/F 344/NCTR

Furan

CAS Number: 110-00-9

Time Report Requested: 08:44:34

First Dose M/F: 09/07/09 / NA

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CARDIOVASCULAR SYSTEM

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Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.044 Furan 36wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4		
		0	6	6	2	4	4	5	7	0	2	3	8	8	2	6	8	4	5		
		7	0	2	4	1	3	3	7	1	8	0	5	7	0	2	6	3	4		
		1	2	2	2	1	1	1	1	1	2	1	1	2	1	1	1	2	1		
		* TOTALS																			
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
ENDOCRINE SYSTEM																					
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
GENERAL BODY SYSTEM																					
NONE																					
GENITAL SYSTEM																					
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Squamous Cell Papilloma																				1	
X																					
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

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Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.044 Furan 36wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4		
		0	6	6	2	4	4	5	7	0	2	3	8	8	2	6	8	4	5		
		7	0	2	4	1	3	3	7	1	8	0	5	7	0	2	6	3	4		
		1	2	2	2	1	1	1	1	1	1	2	1	1	2	1	1	1	2		
																				* TOTALS	
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
HEMATOPOIETIC SYSTEM																					
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
INTEGUMENTARY SYSTEM																					
Mammary Gland		+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	18	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
MUSCULOSKELETAL SYSTEM																					
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
NERVOUS SYSTEM																					
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

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Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.044 Furan 36wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4		
		0	6	6	2	4	4	5	7	0	2	3	8	8	2	6	8	4	5		
		7	0	2	4	1	3	3	7	1	8	0	5	7	0	2	6	3	4		
		1	2	2	2	1	1	1	1	1	2	1	1	2	1	1	1	1	2		
																				* TOTALS	
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
RESPIRATORY SYSTEM																					
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SPECIAL SENSES SYSTEM																					
Ear																				1	
Neural Crest Tumor, Benign																				X	1
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
URINARY SYSTEM																					
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SYSTEMIC LESIONS																					
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

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Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.092 Furan 36wk	DAY ON TEST																				
		0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 3	0 2 5 2															
ANIMAL ID	0 0 2 4 1	0 0 2 6 2	0 0 9 9 1	0 1 2 4 2	0 1 4 5 8	0 1 6 6 0	0 1 3 6 7	0 2 6 7 1	0 2 9 9 2	0 2 9 9 1	0 2 9 9 1	0 2 9 9 0									
	* TOTALS																				

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Mesentery																						3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.092 Furan 36wk	DAY ON TEST ANIMAL ID																					
		0 2 5 2	0 2 5 3																			
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
ENDOCRINE SYSTEM																						
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
GENERAL BODY SYSTEM																						
NONE																						
GENITAL SYSTEM																						
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Preputial Gland Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20 1
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* .. Total animals with tissue examined microscopically; Total animals with tumor

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Furan

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Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.092 Furan 36wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		2	3	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	3	2	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	1	1	1	1	2	2	2	2	3	3	4	4	4	4		
		2	2	6	9	2	4	5	6	3	6	9	9	1	3	9	0	2	5	7	
		4	6	5	6	2	8	0	6	7	5	7	9	1	0	8	0	3	6	1	
		1	2	2	2	1	2	2	1	2	1	2	2	2	2	1	1	1	1	1	
		* TOTALS																			
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
HEMATOPOIETIC SYSTEM																					
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
INTEGUMENTARY SYSTEM																					
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
MUSCULOSKELETAL SYSTEM																					
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
NERVOUS SYSTEM																					
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

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Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.092 Furan 36wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		2	3	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	3	2	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	1	1	1	1	2	2	2	2	3	3	4	4	4	4		
		2	2	6	9	2	4	5	6	3	6	9	9	1	3	9	0	2	5	7	
		4	6	5	6	2	8	0	6	7	5	7	9	1	0	8	0	3	6	1	
		1	2	2	2	1	2	2	1	2	1	2	2	2	2	1	1	1	1	1	
		* TOTALS																			
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
RESPIRATORY SYSTEM																					
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SPECIAL SENSES SYSTEM																					
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
URINARY SYSTEM																					
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SYSTEMIC LESIONS																					
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.2 Furan 36 wk	DAY ON TEST																					
		0 2 5 2	0 2 5 3																			
ANIMAL ID	0 0 3 2 2	0 0 5 3 1	0 0 5 9 4	0 1 9 0 1	0 1 9 0 3	0 2 6 0 3	0 2 6 6 1	0 2 8 8 1	0 2 8 8 2	0 2 7 9 2	0 2 5 9 2	0 2 5 6 1	0 2 5 7 2	0 2 5 6 1								

*** TOTALS****ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.2 Furan 36 wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		2	3	2	2	2	3	2	2	2	2	2	3	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	1	1	1	2	2	2	3	3	3	3	3	4	4		
		3	3	5	5	9	0	9	9	0	0	5	5	7	5	5	6	7	1	3	
		2	3	1	4	9	1	3	6	6	8	8	9	2	6	7	7	8	0	1	
		2	1	2	1	2	1	2	1	1	2	2	2	1	2	2	2	2	2	1	
		* TOTALS																			
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
HEMATOPOIETIC SYSTEM																					
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
INTEGUMENTARY SYSTEM																					
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Subcutaneous Tissue, Lipoma		X																		1	
MUSCULOSKELETAL SYSTEM																					
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
NERVOUS SYSTEM																					
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

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+ .. Tissue examined microscopically

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Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.2 Furan 36 wk	DAY ON TEST ANIMAL ID																					
		0 2 5 2	0 2 5 3																			
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
RESPIRATORY SYSTEM																						
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
SPECIAL SENSES SYSTEM																						
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
URINARY SYSTEM																						
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
SYSTEMIC LESIONS																						
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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Experiment Number: 10119 - 01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Furan

CAS Number: 110-00-9

Date Report Requested: 06/03/2014

Time Report Requested: 08:44:34

First Dose M/F: 09/07/09 / NA

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 36 wk	DAY ON TEST																				
		0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 3							
ANIMAL ID	0 0 2 8 2	0 0 2 9 2	0 0 4 7 1	0 0 5 0 2	0 0 8 3 1	0 0 8 4 2	0 0 8 0 2	0 1 7 3 1	0 1 7 0 2	0 1 8 9 1	0 2 9 2 1	0 2 6 3 1	0 2 6 1 2	0 2 5 5 1	0 2 5 5 2	0 2 5 5 1	0 2 5 5 2	0 2 5 5 2	0 2 5 5 2	0 2 5 5 2	0 2 5 5 2
	* TOTALS																				

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Mesentery																	+					1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

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X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 36 wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	3	3	3		
		2	2	4	5	8	8	1	7	7	8	9	2	6	2	5	5	5	9		
		8	9	7	0	3	4	2	0	3	9	0	6	1	5	6	2	3	4		
		2	2	1	2	1	1	2	2	1	1	1	1	2	2	1	2	2	2		
																				* TOTALS	
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
ENDOCRINE SYSTEM																					
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
GENERAL BODY SYSTEM																					
NONE																					
GENITAL SYSTEM																					
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 36 wk	DAY ON TEST ANIMAL ID																				
		0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 3	0 2 5 2	0 2 5 3							
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM																					
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node			+																		
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																					
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																					
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																					

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.44 Furan 36 wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	3	3	3		
		2	2	4	5	8	8	1	7	7	8	9	2	6	2	5	5	5	9		
		8	9	7	0	3	4	2	0	3	9	0	6	1	5	6	2	3	4		
		2	2	1	2	1	1	2	2	1	1	1	1	2	1	2	1	2	2		
																				* TOTALS	
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
RESPIRATORY SYSTEM																					
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SPECIAL SENSES SYSTEM																					
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
URINARY SYSTEM																					
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SYSTEMIC LESIONS																					
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Furan

CAS Number: 110-00-9

Date Report Requested: 06/03/2014
 Time Report Requested: 08:44:34
 First Dose M/F: 09/07/09 / NA
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.92 Furan 36 wk	DAY ON TEST																					
		0 2 5 3	0 2 5 2																			
ANIMAL ID	0 0 1 3 1	0 0 1 5 2	0 0 6 6 2	0 0 6 8 1	0 0 8 8 2	0 0 8 2 1	0 0 2 2 2	0 0 2 2 1	0 0 4 4 1	0 0 4 5 1	0 0 5 4 1	0 0 4 4 1	0 0 9 9 1	0 0 9 9 2	0 0 9 9 1	0 0 3 3 1	0 0 3 3 2	0 0 0 0 1	0 0 4 4 2	0 0 0 0 2	0 0 4 4 1	0 0 0 0 2
	* TOTALS																					

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.92 Furan 36 wk	DAY ON TEST ANIMAL ID																					
		0 2 5 3	0 2 5 2																			
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
HEMATOPOIETIC SYSTEM																						
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Thymus		+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
INTEGUMENTARY SYSTEM																						
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
MUSCULOSKELETAL SYSTEM																						
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
NERVOUS SYSTEM																						
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* .. Total animals with tissue examined microscopically; Total animals with tumor

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+ .. Tissue examined microscopically

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X .. Lesion present

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Experiment Number: 10119 - 01

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Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.92 Furan 36 wk	DAY ON TEST ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	1	1	2	2	2	2	3	3	3	3	4	4		
		1	1	6	6	6	8	8	8	2	2	4	4	5	4	4	9	9	0		
		3	5	7	8	9	1	5	6	1	3	1	2	1	8	9	2	3	1		
		1	2	2	2	2	1	2	2	2	1	1	1	2	1	1	2	1	2		
																				* TOTALS	
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
RESPIRATORY SYSTEM																					
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SPECIAL SENSES SYSTEM																					
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
URINARY SYSTEM																					
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SYSTEMIC LESIONS																					
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 10119 - 01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Furan

CAS Number: 110-00-9

Date Report Requested: 06/03/2014
 Time Report Requested: 08:44:34
 First Dose M/F: 09/07/09 / NA
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 2 Furan 36 wk	DAY ON TEST																				
		0 2 5 3	0 2 5 2																		
ANIMAL ID	0 0 1 7 2	0 0 4 0 1	0 0 4 2 1	0 0 9 3 1	0 0 5 5 1	0 1 5 8 1	0 1 5 9 3	0 1 6 1 3	0 2 1 3 4	0 2 3 3 4	0 2 3 3 4	0 2 3 6 5	0 2 3 6 7	0 2 4 4 0	0 2 4 4 2	0 2 3 4 5	0 2 3 4 7	0 2 3 3 8	0 2 3 3 7	0 2 3 3 7	0 2 3 3 7
	* TOTALS																				

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 2 Furan 36 wk	DAY ON TEST																				
		0 2 5 3	0 2 5 2																		
ANIMAL ID	0 0 1 7 2	0 0 4 0 1	0 0 4 4 2	0 0 9 9 2	0 1 5 5 1	0 1 5 8 1	0 1 9 9 1	0 1 6 1 3	0 1 3 3 4	0 2 3 4 1	0 2 3 4 1	0 2 6 5 2	0 2 4 7 1	0 3 6 0 1	0 3 4 7 1	0 3 7 7 1	0 3 7 7 2	0 3 8 7 2	0 3 8 7 2	0 3 8 7 2	0 3 8 7 2

* TOTALS

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
--------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
-------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Furan

Time Report Requested: 08:44:34

Route: GAVAGE

CAS Number: 110-00-9

First Dose M/F: 09/07/09 / NA

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 2 Furan 36 wk	DAY ON TEST																				
		0 2 5 3	0 2 5 2																		
ANIMAL ID	0 0 1 7 2	0 0 4 0 1	0 0 4 4 1	0 0 9 9 5	0 1 5 8 1	0 1 5 9 1	0 1 6 1 3	0 2 1 3 4	0 2 3 3 4	0 2 3 3 4	0 2 3 6 5	0 2 4 7 5	0 2 4 4 0	0 2 4 7 0	0 2 4 7 2	0 2 3 7 1	0 2 3 7 1	0 2 3 7 1	0 2 3 7 1	0 2 3 7 1	0 2 3 7 1
Interstitial Cell, Adenoma																				* TOTALS	
X																					1

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Lymph Node																					1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 10119 - 01

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/03/2014

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/NCTR

Furan

CAS Number: 110-00-9

Time Report Requested: 08:44:34

First Dose M/F: 09/07/09 / NA

Lab: NCTR

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically